

The answers on this worksheet have been taken from the 2018 OCR GCSE Computer Science Paper 2

6-A-Day – Computer Science GCSE (p2.7-2016)

Q1	<p>1 mark per bullet, max 3</p> <ul style="list-style-type: none"> • String • Integer / Int • Boolean 	3	<p>Accept text / varchar for string. Do not accept character. Do not accept number/numeric for integer Accept yes/no, true/false for Boolean.</p>
Q2	<p>1 mark per bullet, max 2 if not in correct order or additional statements given.</p> <ul style="list-style-type: none"> • SELECT StudentName • FROM conduct • WHERE Points < 0 	3	<p>Capitalisation does not affect the mark. Spellings of fields, tables must be correct.</p> <p>Ignore brackets. Ignore quotes around StudentName, Conduct or Points. Mark quotes around 0 in WHERE clause as incorrect.</p> <p>StudentName must not include space</p> <p>Accept <= -1 or equivalent for 3rd bullet point.</p>
Q3	<ul style="list-style-type: none"> • * / star / asterisk 	1	<p>Wildcard (*) must be clearly identified as the answer.</p> <p>Do not allow any other SQL statements alongside this unless this is given as an example.</p>
Q4	<p>1 mark per bullet, max 4</p> <ul style="list-style-type: none"> • Selection(IF) used • Comparing studentdata[3]... • ...with "TRUE" or "FALSE" // TRUE or FALSE • Correct outputs ("sent" and "not sent") 	4	<p>Example algorithm</p> <pre>if studentdata[3] == "TRUE" then print "sent" else print "not sent" end if</pre> <p>Bullet point 3 can only be awarded if an attempt is made at identifying studentdata (e.g. with the wrong index or no index). Do not allow simply comparing anything with True / False.</p> <p>Bullet point 3 can be implicit.</p> <p>Capitalisation not important.</p> <p>"Sent" and "not sent" do not have to be exactly this – can be alternative message conveying same idea.</p>
Q5	<ul style="list-style-type: none"> • 2, 3, 4 <hr/> <ul style="list-style-type: none"> • 15 	1	<p>All three numbers needed in the correct order (with no other numbers) for mark.</p> <hr/> <p>Accept 3 x 5</p>
Q6	<p>1 mark per bullet, max 2</p> <ul style="list-style-type: none"> • Sequence • Iteration / loops / repetition 	2	<p>Ignore spelling.</p> <p>Do not allow examples (eg FOR loop / WHILE loop)</p>